

Figure 1

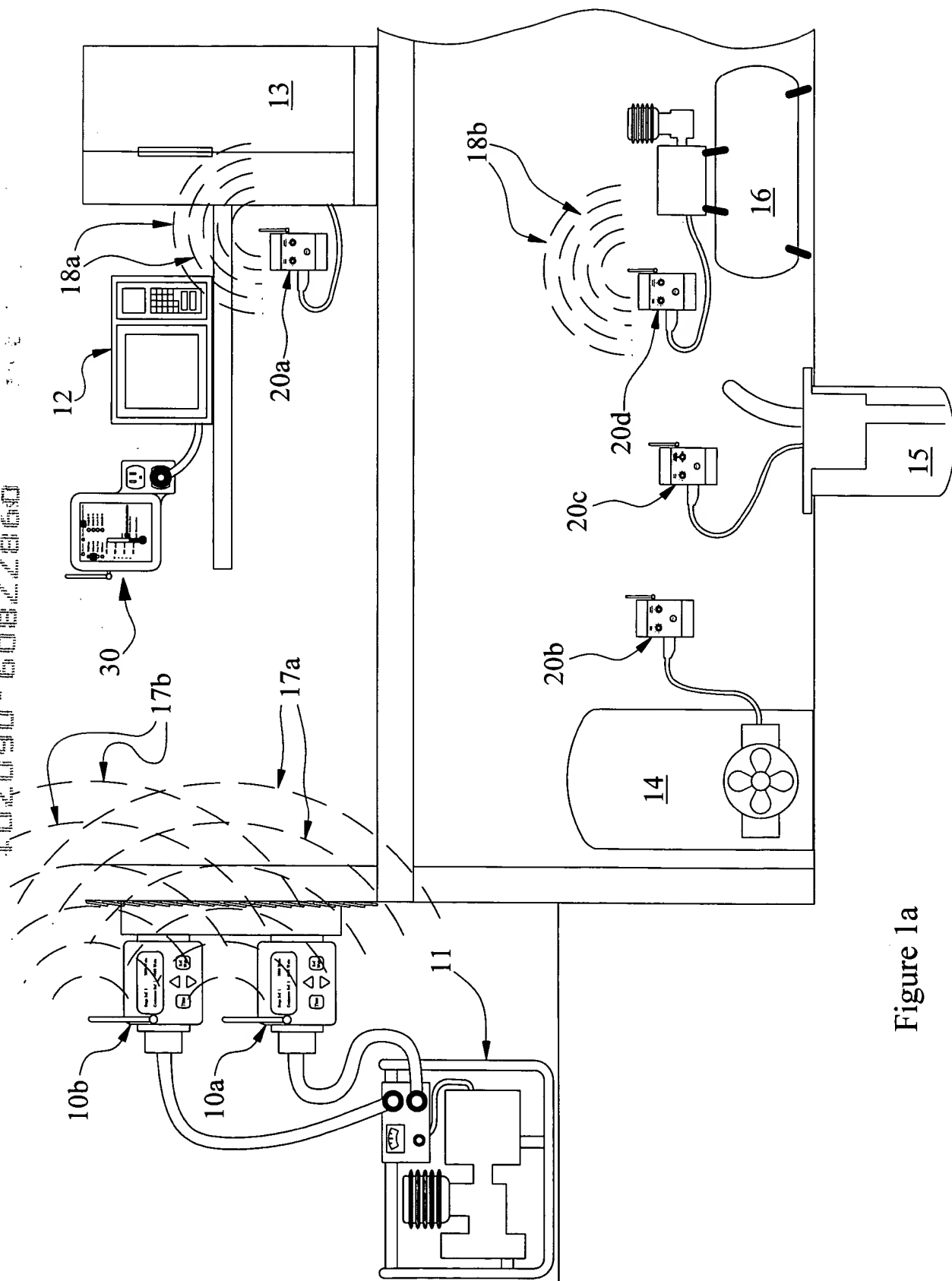


Figure 1a

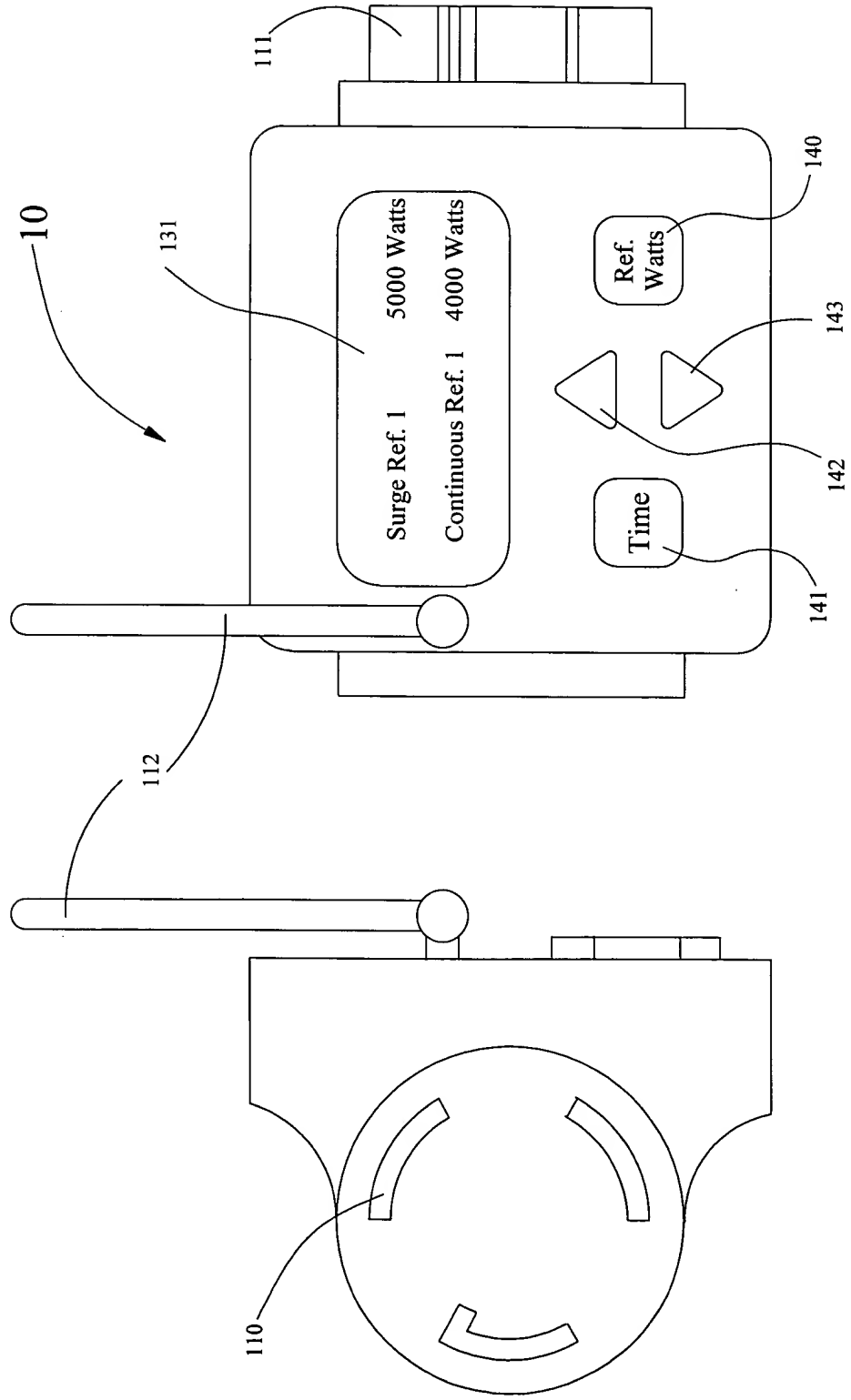


Figure 2

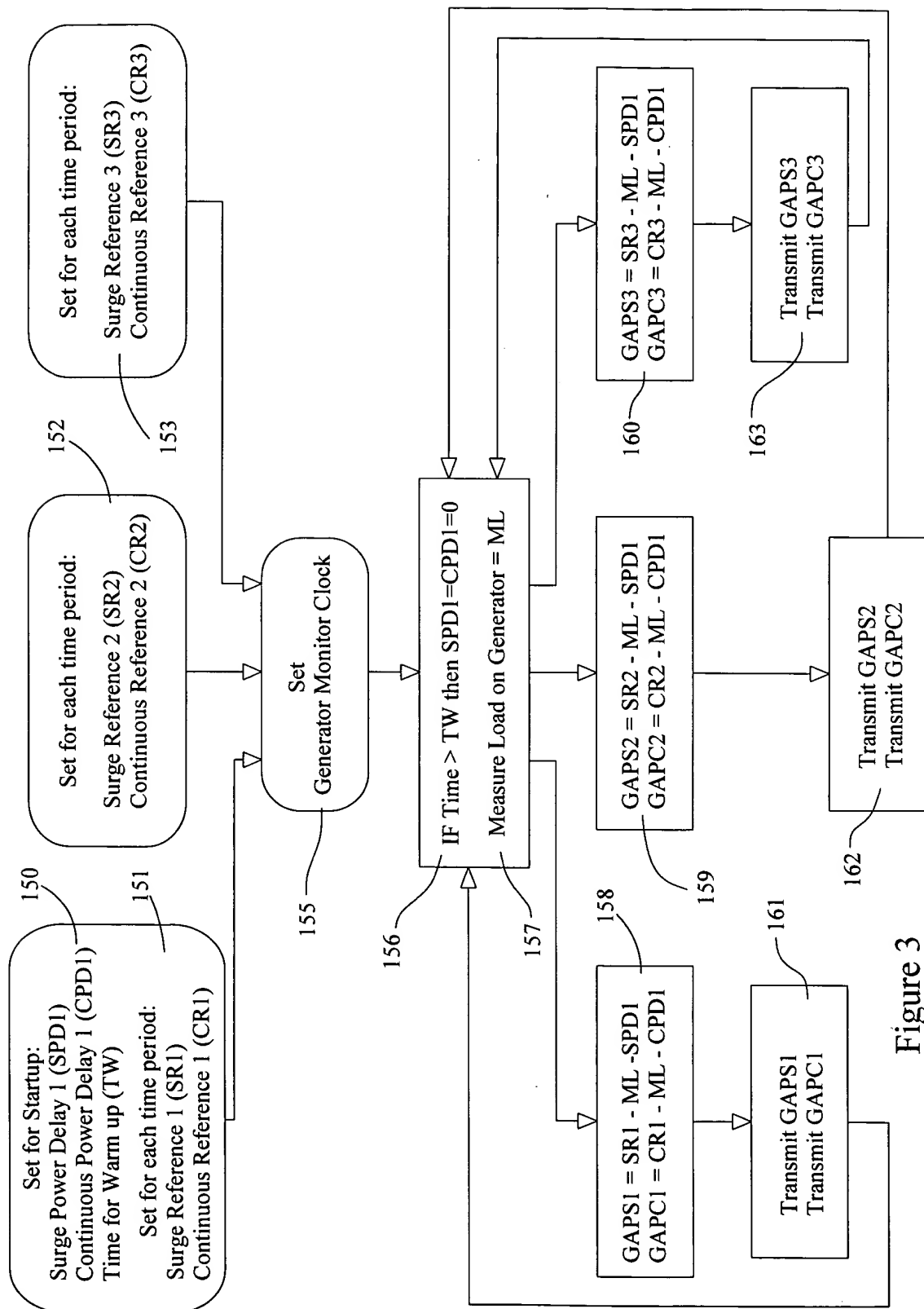


Figure 3

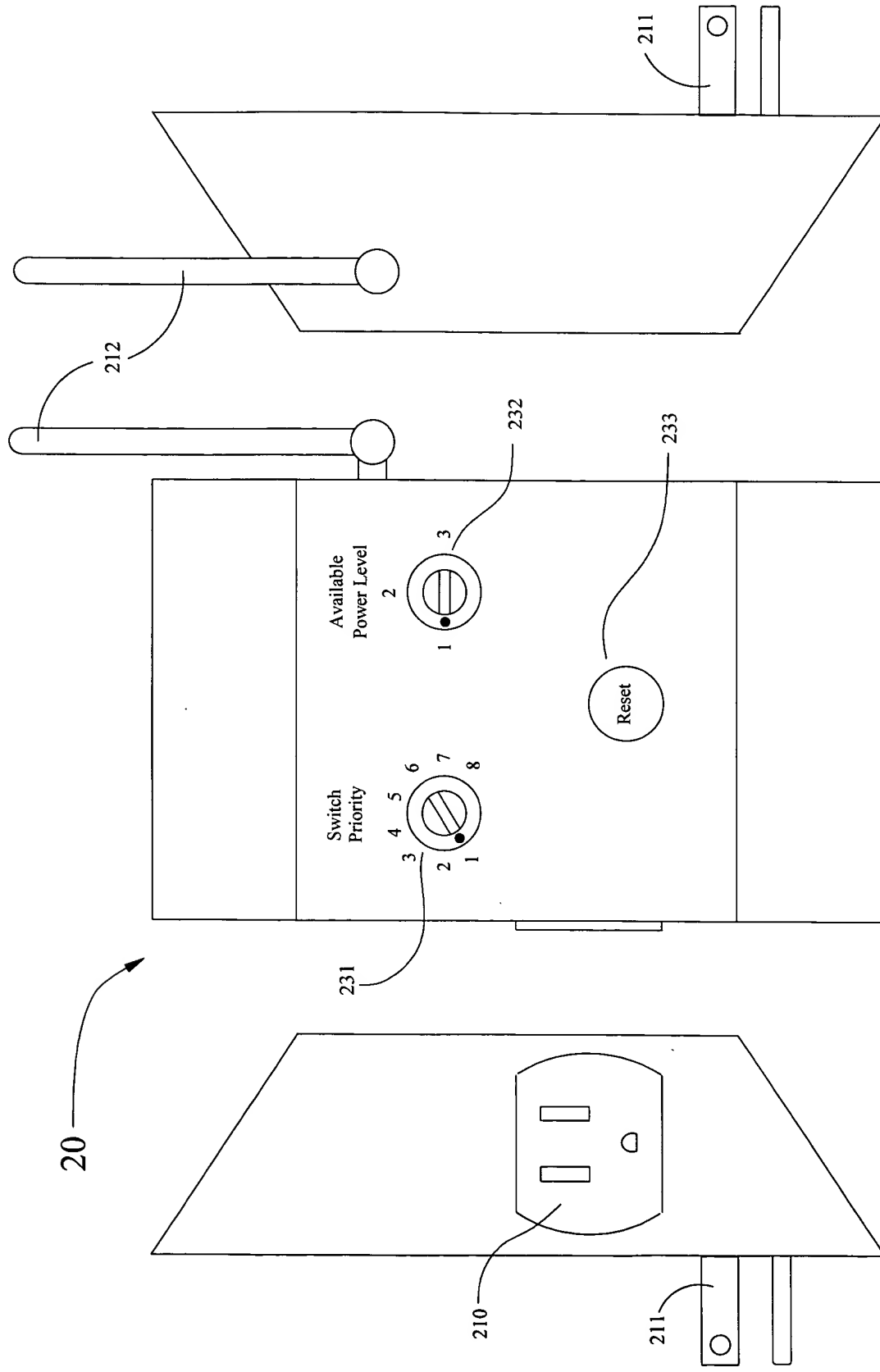


Figure 4

```

graph TD
    250[Start  
Set Switch Priority  
Surge Load = 0  
Continuous Load = 0  
Set GAP Level] --> 251[Measure  
Appliance Surge Load &  
Appliance Continuous Load]
    251 --> 252[Power Stops]
    252 --> 253[Power Returns]
    253 --> 254[Open Switch  
Listen for GAP Level  
Transmissions]
    254 --> 255{GAP  
Transmissions  
Detected}
    255 -- Yes --> 256[Wait T1 * Priority  
& Close Switch]
    256 --> 251
    255 -- Yes --> 258[ ]
    style 258 fill:none,stroke:none

```

Figure 5a

Figure 5a

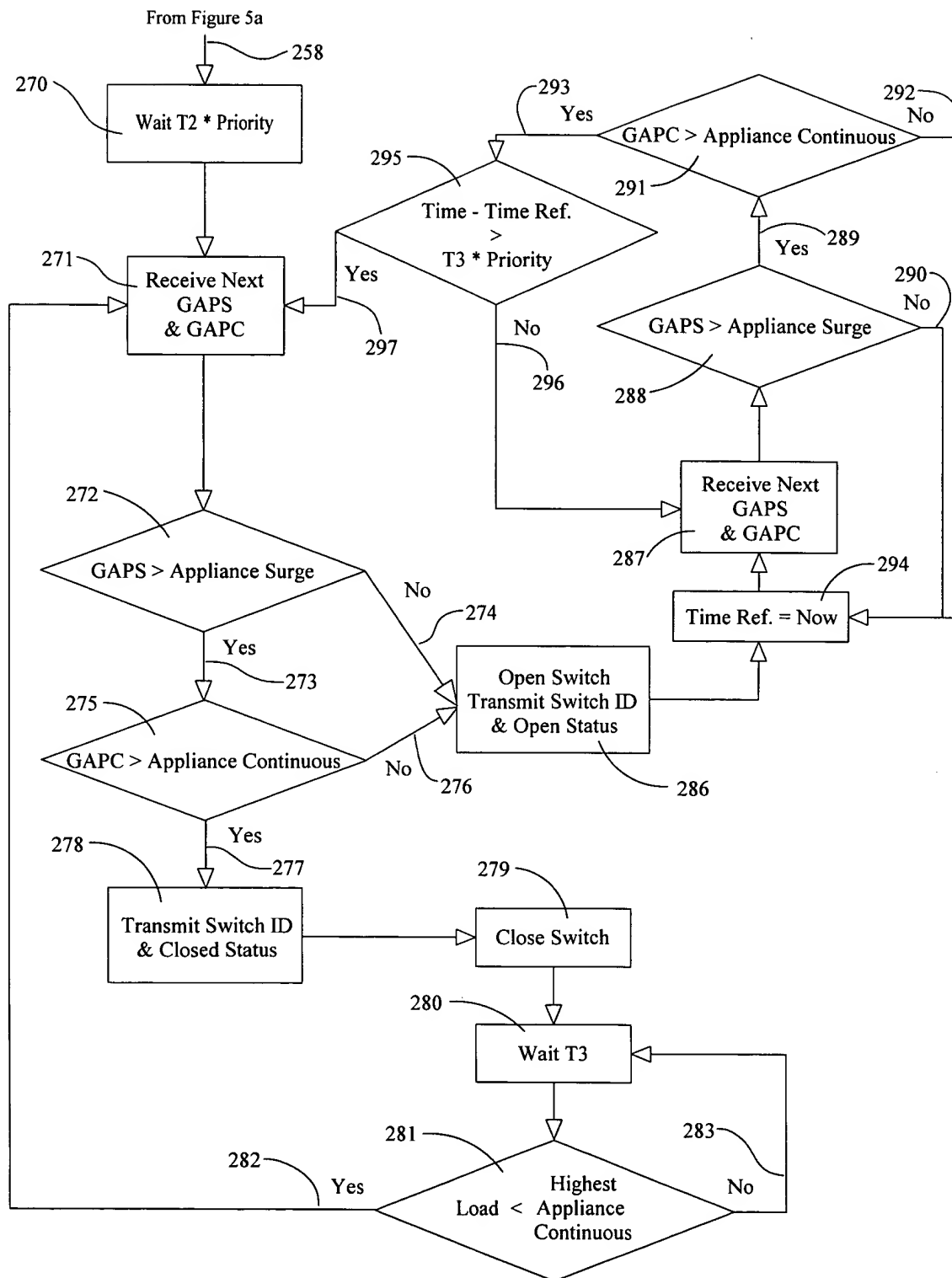


Figure 5b

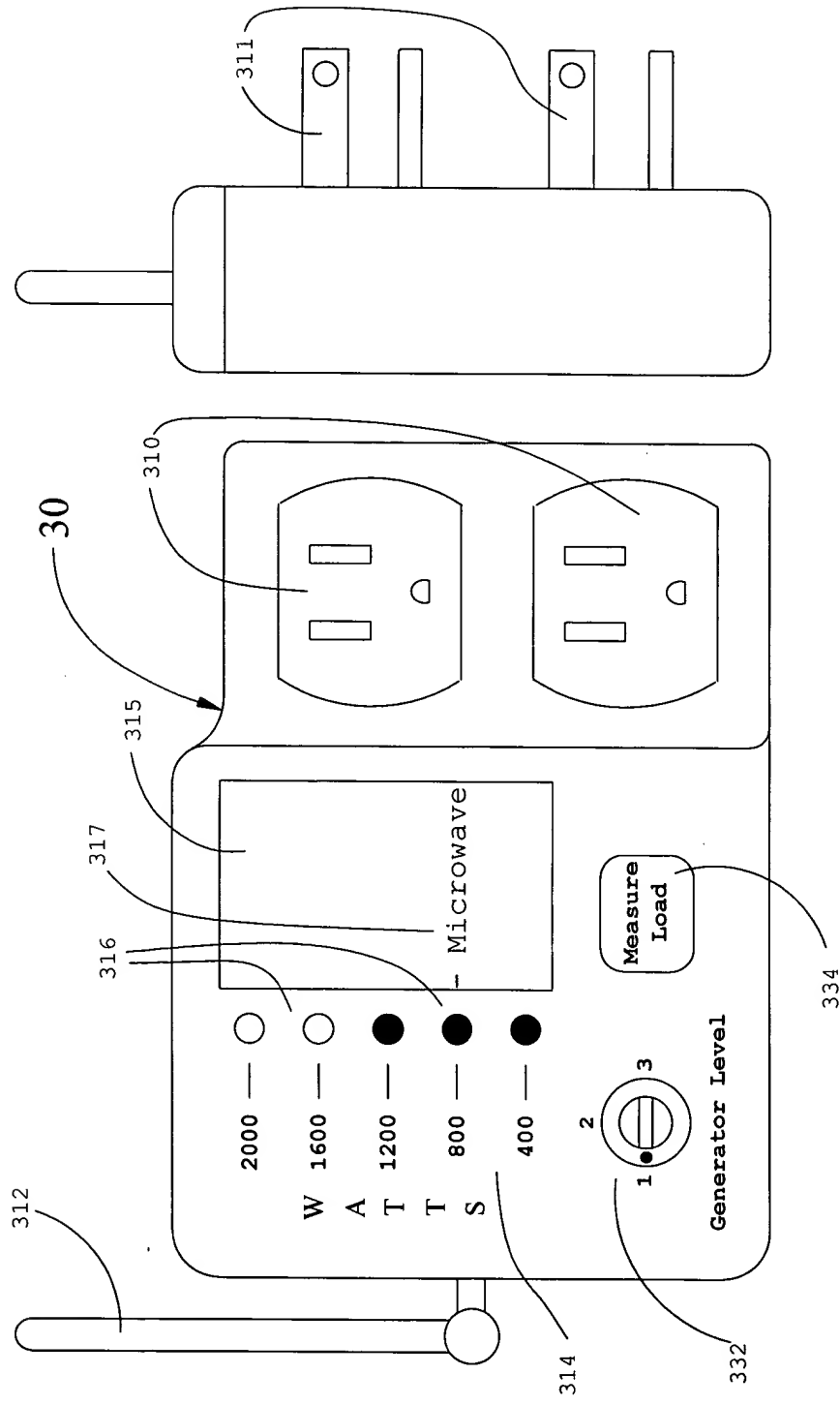


Figure 6a

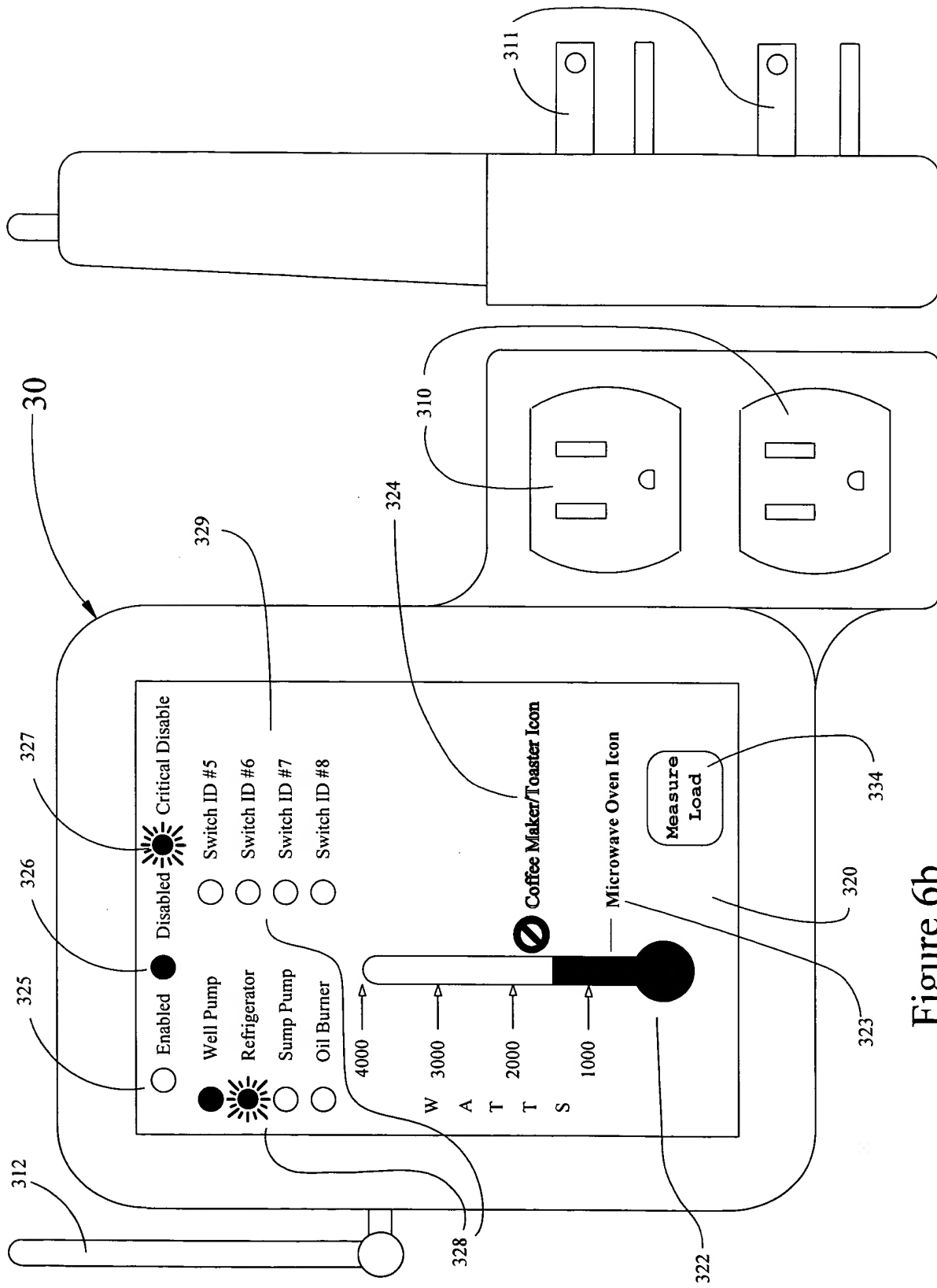
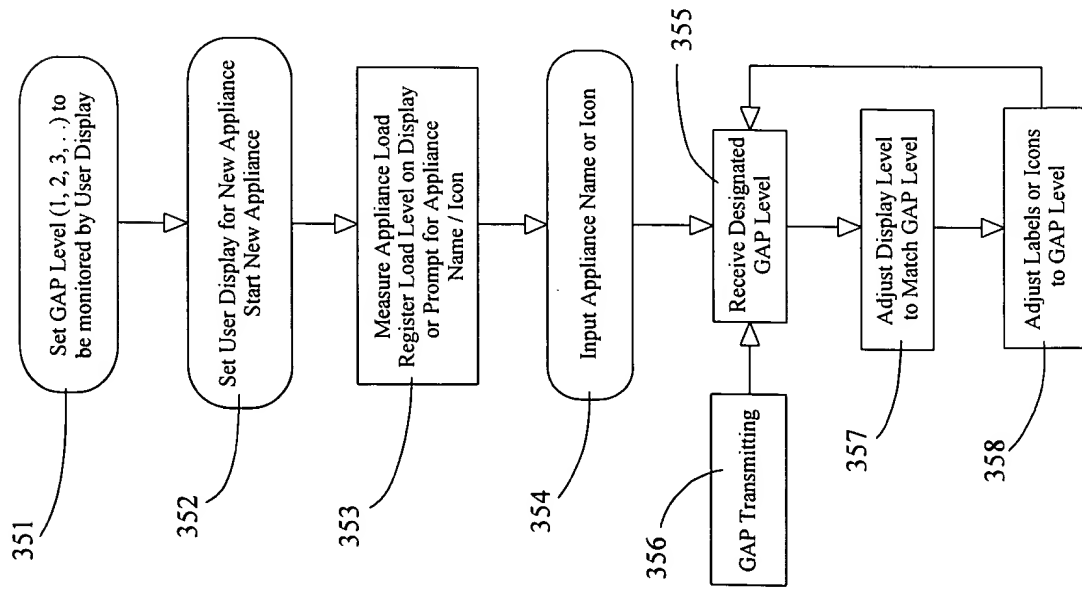


Figure 6b

GAP Levels for Manual Appliances



Interrupt Switch Status Monitoring

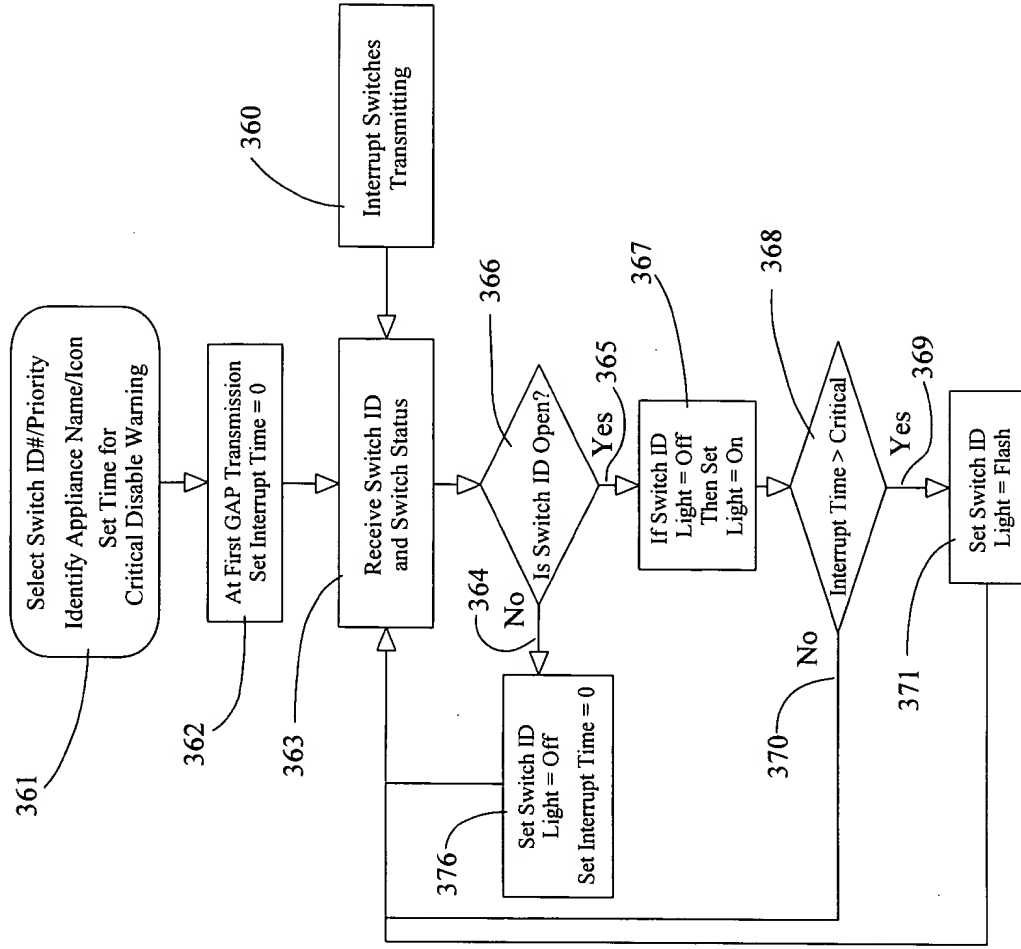


Figure 7a

0597909-060701

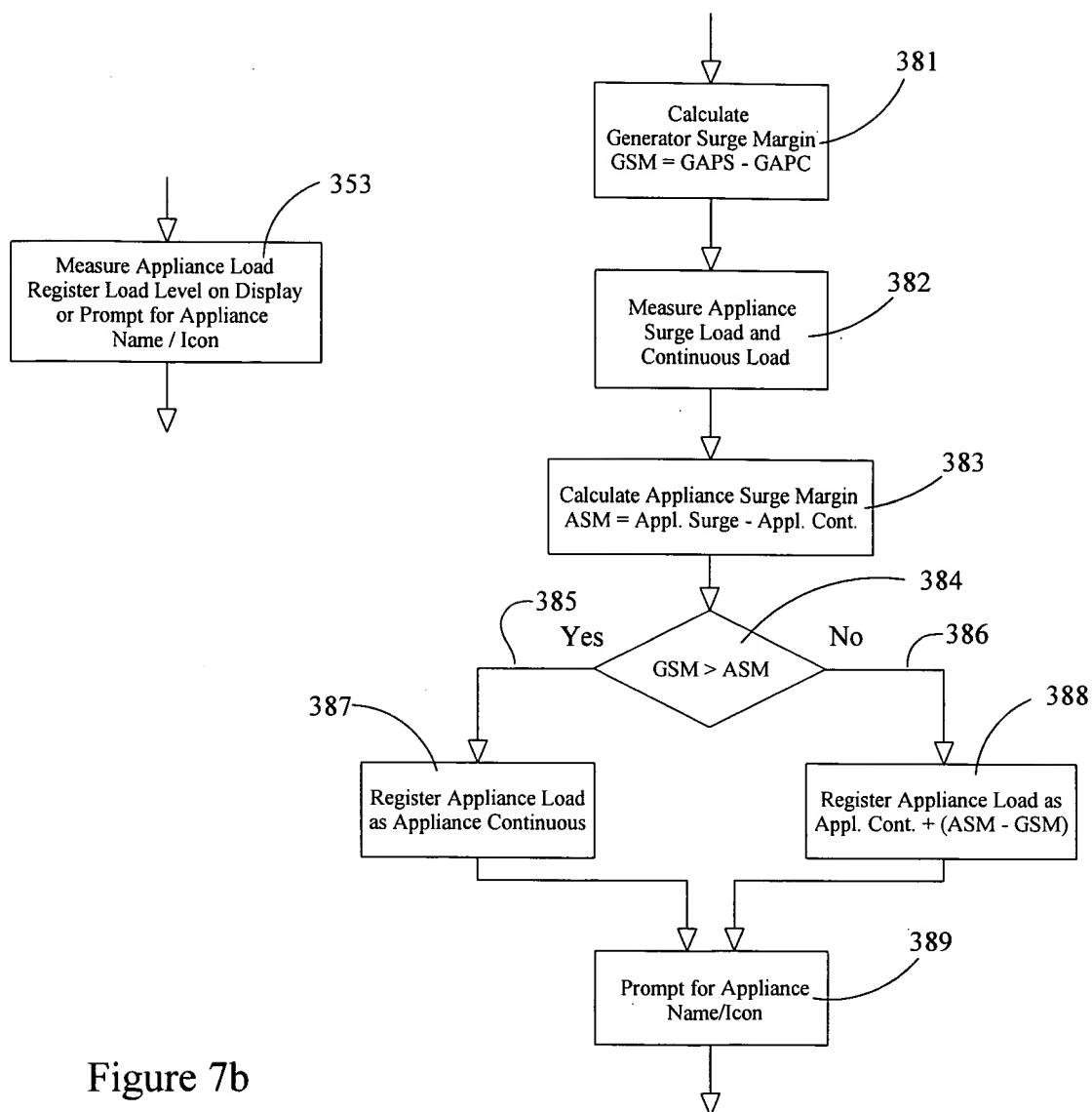


Figure 7b